## Mitigating desert bighorn sheep habitat fragmentation within and around Mojave desert National Parks



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	Collaborative research aimed at understanding desert bighorn sheep movement and population connectivity relative to human-caused habitat fragmentation.
Country	United States

### **Project Description**

We use trail cameras to monitor highway underpasses for use by bighorn sheep as movement corridors between mountain habitat. Some underpasses have been modified with a water-source to attract bighorn sheep to the area. Interns will review timelapse videos and/or photos of the habitat near and under highway underpasses or water sources, identify wildlife in the video/photos, and create spreadsheets of video information and wildlife observations. The data will be used to assess the role of underpasses in maintaining bighorn sheep herd connectivity and to test the effectiveness of modifying underpasses to encourage bighorn movement underneath highway barriers. This is an applied ecology project with implications for wildlife conservation and management on and around our National Parks.

#### **Required Skills or Interests**

Skill(s)

Data analysis

#### **Additional Information**

To learn more about the project team, visit https://www.nps.gov/nature/conway-science-fellowship-landscape-scale.htm

# **Language Requirements**

None